

## PATENT ABSTRACTS OF JAPAN

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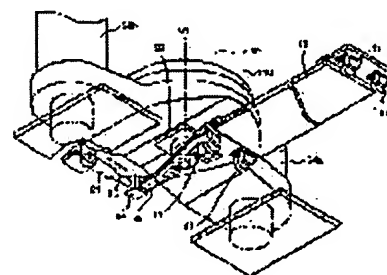
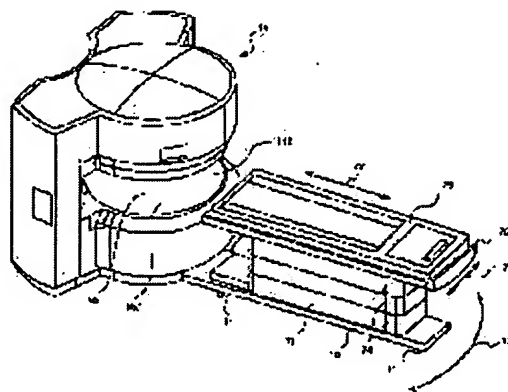
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## (54) MAGNETIC RESONANCE IMAGING DEVICE

## (57)Abstract:

PROBLEM TO BE SOLVED: To improve the imaging efficiency, improve the image quality and to reduce a testee's burden by providing a patient table with a swing moving means capable of feeding a top plate into an opening part from any angle and swing-moving in such a manner that the longitudinal movement feeding direction is always directed to the center of a magnetic field in a gantry.

SOLUTION: A patient table 71 is disposed on a patient table support table 10, and a roller 11 is fitted to the lower side of the support table 10 to be swing-moved in the circumferential direction of a circle taking the center of a magnetic field as the center in such a manner that the longitudinal movement feeding direction is always directed to the center of a magnetic field in a gantry 13. The roller 11 is fitted to the support table 10 at an angle according to the swing moving locus, and the support table 10 is connected to an intermediate connecting member 22 journaled to the rotating shaft 23 of the lower part of the gantry 13. The intermediate connecting member 22 is connected to a transmission member 24 for transmitting the driving force from a hydraulic cylinder 21, whereby the intermediate connecting member 22 is turned on the rotating shaft 101 by the advance and retreat in the driving direction 25 of a hydraulic cylinder 21 to swing-move the



patient table support table 10.

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## LEGAL STATUS

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